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macula albicante lata, satis determinata indicatus; apothecia coccinea linearia, subsimplicia aut parum ramulosa, angulatum sæpe flexuosa, innata, plana, opaca; sporæ 6—8næ incolores, 5—6-septatæ, oblongæ, sat magnæ, longit. 0.030—36^{mm}, crassit. 0.015^{mm}, utroque apice fere æquales loculoque apicali utroque parvo subæquali. Iodo gelatina hymenialis vinose rubens (passim præcedente cœrulescentia).

Super cortices in Carolina (hb. Tuck.) Differt ab *A. cinnabarina* apotheciis gracilentis, sporis aliis.

A. Cascarilla (Coniocarpon, Fée Ess. p. 98, t. 15, f. 4). Thallus albidus parum conspicuus, indeterminatus; apothecia obscure violacea vel fusca vel obsolete violaceæ tincta, innata, minuta, sat crebra, rotundata vel nonnihil difformia; sporæ 8næ incolores oblongo-oviformes 3-septatæ, longit. 0.014—16^{mm}, crassit. 0.005^{mm}. Iodo gelatina hymenialis intensive cœrulescens, dein fulvescens.

Super corticem *Crotonis Cascarilla*. Vix differens ab *A. adspersa* (Mnt.) nisi apotheciis minoribus simplicioribus.

9. *Arthonia diffusa*, Nyl., Enumér. Lich. suppl. p. 337 (nomen). Thallus albus vel albidus, tenuis, effusus, opacus, sæpe tenuissimus; apothecia nigra sparsa rotundata vel nonnihil difformia (latit. 0.3—0.7^{mm}), innata plana vel convexiuscula, intus albicantia; sporæ 8næ incolores oblongo-oviformes 3-septatæ, longit. 0.009—0.013^{mm}, crassit. 0.0035—0.0045^{mm}. Iodo gelatina hymenialis cœrulescens.

Corticola. Facie fere *A. cinereopruinosæ*, Schaer., sed sporis minoribus. Spermatia oblonga.

10. *Arthonia impallens*, Nyl.—Subsimilis *A. stenographellæ*, Nyl., Nov. Granat. 2, p. 99, sed apotheciis omnino pallidis. Sporæ ovoideo-oblongæ 2—3-septatæ, longit. 0.011—12^{mm}, crassit. 0.0035—45^{mm}. Iodo gelatina hymenialis cœrulescens. dein vinose fulvo-rubescens.

In New Jersey, supra *Ilicem* (Eckfeldt).

11. *Arthonia terrigena*, Will.—Thallus vix ullus visibilis; apothecia nigra minutella lecideoliformia (latit. fere 0.2^{mm}); sporæ 8næ incolores vel dilute fuscæ oviformi-oblongæ 1-septatæ, longit. 0.011—12^{mm}, crassit. 0.0035^{mm}. Iodo gelatina hymenialis non tincta, protoplasma thecarum vinose rubens.

Supra terram humosam nudam locis umbrosis prope New Bedford (Willey). Species inconspicua infima, cum nulla alia comparanda.

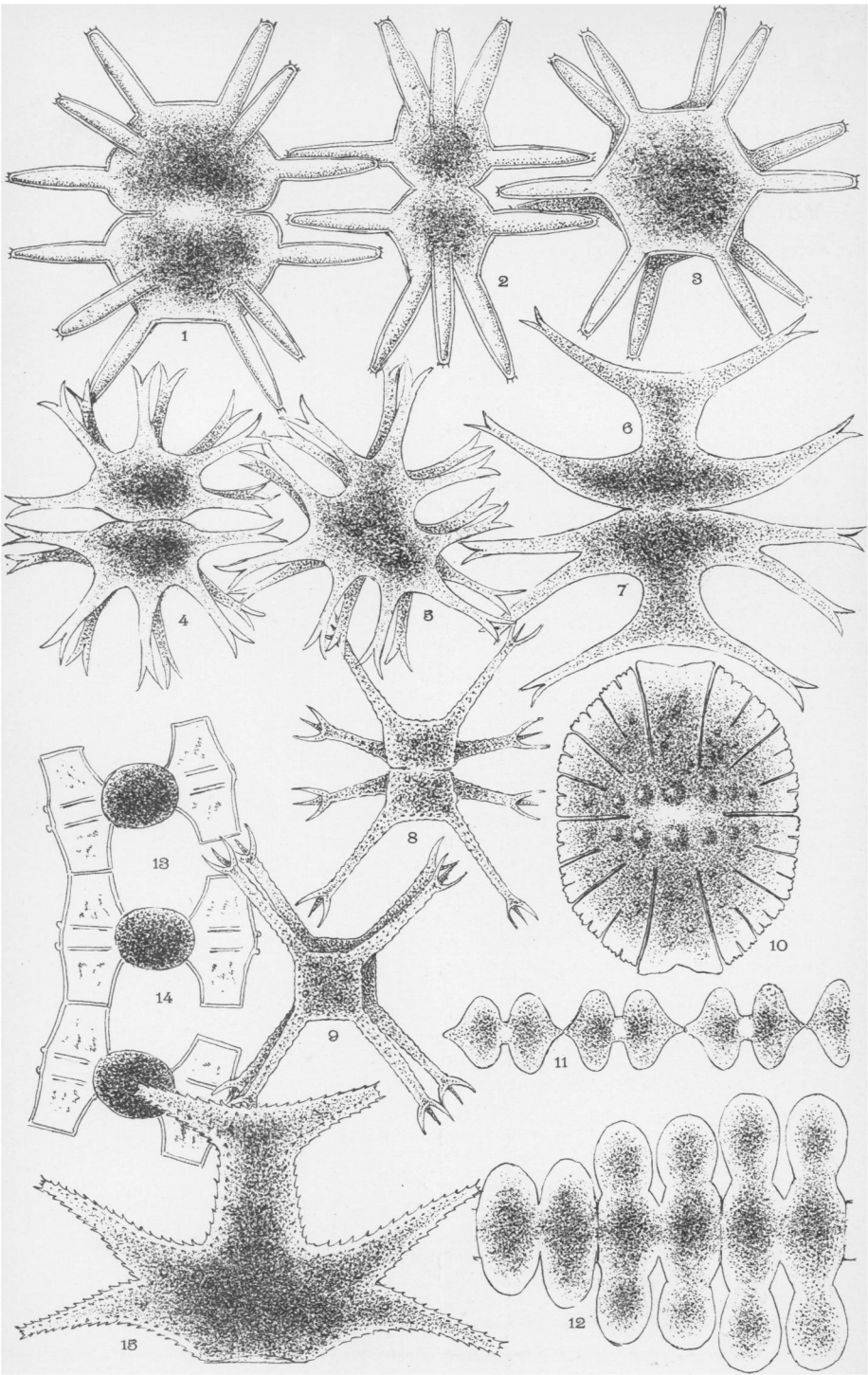
12. *Arthoria subminutissima*, Nyl.—Thallus nullus visibilis; apothecia nigra minutissima rotundata vel oblonga (latit. vix 0.1^{mm}); sporæ 8næ incolores oblongo-oviformes 1-septatæ, longit. 0.007—9^{mm}, crassit. 0.003^{mm}. Iodo gelatina hymenialis vinose fulvescens.

Pinicola prope New Bedford. Comparanda cum *A. minutissima* (Ach.) Nyl., Scand. p. 263, quæ sporas habet majores.

Observatio.

Arthonia patellulata, f. *subpallidiuscula*, apotheciis humidis obscure pallescentibus. Super corticem *Hamamelidis* prope New Bedford.

Quercus nigra.—While riding along the turnpike from Dix Hills to Comac, Suffolk County, I noticed an oak which I was satisfied was new to me. It seemed to be quite plentiful in that light, sandy soil. On my return home I found it to be *Quercus nigra*. As I have



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